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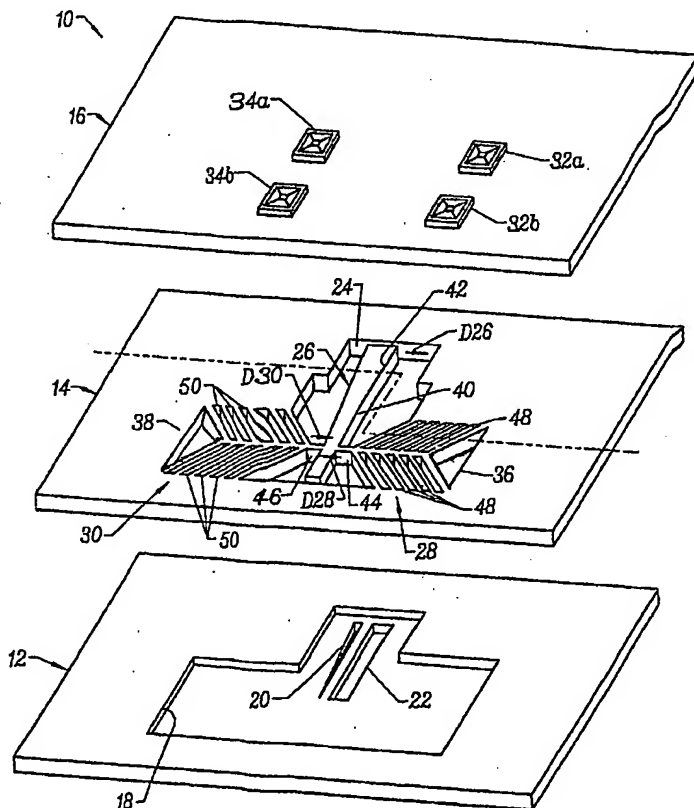
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(54) Title: SELECTIVE BONDING FOR FORMING A MICROVALVE



(57) Abstract: A method for forming a microvalve is disclosed. The method includes providing a first silicon layer (12) and a second silicon layer (14), etching the second silicon layer to form a slider portion (40), coating a coating material onto the slider portion (40), bonding the first silicon layer (12) to the second silicon layer (14), wherein the coating material separates the slider portion (40) from the first silicon layer (12) and prevent the slider portion (40) from bonding to the first silicon layer (12).

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,096,149 (Hetrick et al) 1 August 2000 (1.08.2000), Col 1, lines 11-25, Col 3, lines 28-33, Col 3, lines 61-65, Col 4, lines 1-12, Col 4, lines 20-31, Col 4, lines 38-44, and Col 7, lines 18-25.	1-12, 21-30, and 32-38
X	US 6,116,863 (Ahn et al) 12 September 2000 (12.09.2000), Col 5, lines 20-43, Col 6, lines 1-58, and Col 7, lines 41-53)	13-20 and 31
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